



ATTORNEY DOCKET NO. 23016.0002US
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
Wynick, David)	Art Unit: 1647
)	
Application No. 09/230,463)	Examiner: Gucker, S.
)	
Filing Date: January 22, 1999)	Confirmation No. 4323
)	
For: "GALANIN")	

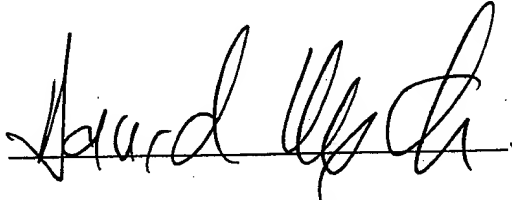
DECLARATION UNDER 37 C.F.R. § 1.132

1. I am Professor of Molecular Medicine at the Henry Wellcome Laboratories for Integrative Neuroscience and Endocrinology, the University of Bristol, United Kingdom.
2. I am the inventor named for US patent application no. 09/230,463.
3. I have measured the length of 21 nerve roots (i.e. the part of the nerve that connects the cell bodies of the DRG to the dorsal horn of the spinal cord) which were harvested from the lumbar region of 5 female Sprague-Dawley rats weighing 200-250g. The length of the nerve root was then measured using a calibrated graticule and a dissecting microscope and the mean length was found to be 18.5 ± 0.9 mm (see Exhibit A, attached).
4. This figure is in good agreement with the findings of Michael et al. (Michael et al. (1997) J. Neurosci. 17 8476-8490) who found the nerve root of adult male Wistar rats (200-400g body weight) to be 17 mm in length. Similarly, Baba et al. (Baba et al. (1999) J. Neurosci. 2 859-867) found the dorsal root to be between 18-20 mm in length in adult male Sprague-Dawley rats weighing 300-350g.
5. I further declare that all statements made herein of my own knowledge and belief are true and that all statements made on information and belief are believed to be true, and further, that the statements are made with the knowledge that willful false statements are

punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date:

7th June 2005

A handwritten signature in black ink, appearing to read "David Wynick", written over a horizontal line.

Professor David Wynick

EXHIBIT A

Mean length \pm SEM (mm) of 21 spinal nerve roots harvested from the lumbar region of 5 female Sprague-Dawley rats weighing 200-250g. The length of the spinal nerve root was measured using a calibrated graticule and a dissecting microscope.

Length (mm)

18
19
20
18
18
18
17
19
19
17
18
20
18
20
18
19
18
20
19
18
18

Mean: 18.5 ± 0.9